
EIIS Incident Report

Part A: General Information

Incident ID

1027126-001

County: Kern

Incident Date: 6/3/2014 through

Year:

State: CA

Total Number: 1

Case #: P-2836

Country: USA

Total Magnitude:

Weather:

Incident Type

☐ Aqua. Animal

☒ Terr. Animal

☐ Field Study

☐ Aqua. Plant

☐ Terr. Plant

Created: #####

Updated: 4/9/2015

Abstract:

On June 3, 2014 a freshly dead San Joaquin kit fox was collected Kern County, CA and delivered to CDFW Wildlife Investigations Laboratory. The Lungs were red and filled with blood and there was 5 ml of fluid in the thoracic cavity. The liver was negative for the presence of strychnine but contained 0.62 ppm brodifacoum and traces of bromadiolone and chlorophacinone. It is not known the extent to which the anticoagulant rodenticides contributed to the poor condition of the fox.

Reports

Package # Incident # Source

Report Date

027126 001 Dept. of Fish and Wildlife WIL

11/3/2014

ELIS Incident Report

Part B: Pesticide Information

I027126-001

County: Kern

State: CA

Date: 6/3/2014

Pesticide: Brodifacoum (112701)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Highly Probable

Lungs were red and filled with blood which is consistent anticoagulant rodenticide poisoning. .062 ppm of brodifacoum was detected in the liver.

Pesticide: Bromadiolone (112001)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unlikely

A trace amount of bromadiolone was detected in the liver of the San Joaquin kit fox.

Pesticide: Chlorophacinone (067707)

Type: R

Use Site:

Product:

Appl. Method:

Appl. Rate:

Formulation:

Air/Ground:

Legality: Undetermined

Certainty: Unlikely

A trace amount of chlorophacinone was detected in the liver of the San Joaquin kit fox.

ELIS Incident Report

Part C: Species Information

I027126-001

County: Kern

State: CA

Date: 6/3/2014

1

Species: San Joaquin Kit Fox

Response: Mortality

Sci. Name: *Vulpes macrotis mutica*

Magnitude: 1

Taxon: Mammal

Habitat: Urban area

Age:

Distance: Vicinity

Rt. of Exposure: Ingestion

Necropsy

Number:

Condition:

Cholinesterase

Number:

Activity: um/g/min
Percent of Normal

Tissue Residues

<u>Sample Type</u>	<u>PC Code</u>	<u>Pesticide</u>	<u>N</u>	<u>Conc. (ppm)</u>
Liver	067707	Chlorophacinone	1	Trace
Liver	112001	Bromadiolone	1	Trace
Liver	112701	Brodifacoum	1	0.62

EIIS Incident Report

Part D: Environmental Measurements

County:

State:

Date:

Common Name

PC Code

Degredate

Concentrations
in ppb

Water

Soil

Sediment

Foliage

Min.

Max.

N

LOD

Description

Concentration

N

LOD

Other Samples

Dissolved Oxygen (ppm)

to

pH

to
